

	Carry Forward	FY 2017
<b>Revenue Sources</b>		
General Obligation Bonds	430,345	3,336,407
<b>Total Revenues</b>	<b>430,345</b>	<b>3,336,407</b>
<b>Expenditure Types</b>		
Land Acquisition	214,000	0
Contract Construction	61,307	1,766,135
Furniture, Fixtures & Equipment	0	100,000
Other Cost	155,038	1,420,272
Information Technology	0	50,000
<b>Total Expenditures</b>	<b>430,345</b>	<b>3,336,407</b>

# CIP 2017 DIVISION SUMMARY

# FIRE SERVICES

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	430,345	3,336,407	13,632,536	28,835,441	23,637,099	16,874,471	86,746,299
<b>Total Revenues</b>	<b>430,345</b>	<b>3,336,407</b>	<b>13,632,536</b>	<b>28,835,441</b>	<b>23,637,099</b>	<b>16,874,471</b>	<b>86,746,299</b>
<b>Expenditure Types</b>							
Engineering - Architecture	0	0	1,147,597	475,800	1,480,560	2,002,915	5,106,872
Land Acquisition	214,000	0	0	0	3,100,000	0	3,314,000
Land Development	0	0	0	400,000	0	0	400,000
Contract Construction	61,307	1,766,135	10,760,702	15,299,536	5,525,000	13,118,000	46,530,680
Furniture, Fixtures & Equipment	0	100,000	350,000	2,792,440	4,693,456	350,000	8,285,896
Other Cost	155,038	1,420,272	1,174,237	9,324,465	7,917,363	1,203,556	21,194,931
Information Technology	0	50,000	200,000	543,200	920,720	200,000	1,913,920
<b>Total Expenditures</b>	<b>430,345</b>	<b>3,336,407</b>	<b>13,632,536</b>	<b>28,835,441</b>	<b>23,637,099</b>	<b>16,874,471</b>	<b>86,746,299</b>

# CIP SUMMARY BY PROJECT

# FIRE SERVICES

Division Priority	Project Number	Project Name	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
1	FS04001	Personal Protective Equip	0	1,340,772	1,068,237	9,241,965	7,833,363	1,093,056	20,577,393
2	FS02027	EMA Sirens	155,038	79,500	106,000	82,500	84,000	110,500	617,538
3	FS02001	Fire Station Repair	61,307	1,916,135	6,254,000	4,852,300	4,987,560	4,939,440	23,010,742
4	FS02018	Fire Station #63	0	0	5,515,882	2,785,640	0	0	8,301,522
5	FS02011	Replace Fire Station #43	214,000	0	0	5,736,518	1,961,440	0	7,911,958
6	FS02020	Southwind Fire Station	0	0	688,417	5,736,518	3,102,736	0	9,527,671
7	FS02008	Relocate Fire Station #11	0	0	0	0	1,560,000	780,000	2,340,000
8	FS02013	Replace Fire Station #24	0	0	0	0	1,600,000	811,200	2,411,200
9	FS02026	Fire Station #18	0	0	0	0	1,500,000	740,275	2,240,275
FIRE PREVENTION									
10	FS02022	FACILITY	0	0	0	400,000	1,008,000	8,400,000	9,808,000
<b>Total</b>			<b>430,345</b>	<b>3,336,407</b>	<b>13,632,536</b>	<b>28,835,441</b>	<b>23,637,099</b>	<b>16,874,471</b>	<b>86,746,299</b>



# CIP 2017 DETAIL BY PROJECT

# FIRE SERVICES

**Project Name** Personal Protective Equip

**Project Number** FS04001

**Division Priority** 1

## Project Description / Justification:

This project provides funds to replace turnout ensembles that have become unusable. This is the firefighter's primary protection and is governed by the National Fire Protection Association (NFPA-1971). It also updates and replaces all or part of self contained breathing apparatus (SCBA) that becomes worn and unusable and is governed by the National Fire Protection Association (NFPA-1981).

## Operating Budget Impact:

None

## Project Detail - Current Year

	Carry Forward	FY 2017
<b>Revenue Sources</b>		
General Obligation Bonds	0	1,340,772
<b>Total Revenues</b>	<b>0</b>	<b>1,340,772</b>
<b>Expenditure Types</b>		
Other Cost	0	1,340,772
<b>Total Expenditures</b>	<b>0</b>	<b>1,340,772</b>

## Project Detail - 5 Year Summary

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	1,340,772	1,068,237	9,241,965	7,833,363	1,093,056	20,577,393
<b>Total Revenues</b>	<b>0</b>	<b>1,340,772</b>	<b>1,068,237</b>	<b>9,241,965</b>	<b>7,833,363</b>	<b>1,093,056</b>	<b>20,577,393</b>
<b>Expenditure Types</b>							
Other Cost	0	1,340,772	1,068,237	9,241,965	7,833,363	1,093,056	20,577,393
<b>Total Expenditures</b>	<b>0</b>	<b>1,340,772</b>	<b>1,068,237</b>	<b>9,241,965</b>	<b>7,833,363</b>	<b>1,093,056</b>	<b>20,577,393</b>



Project Name EMA Sirens

Project Number FS02027

Division Priority 2

**Project Description / Justification:**

Warning sirens are utilized during inclement weather emergencies to alert citizens of potential hazardous conditions.

**Operating Budget Impact:**

None

**Project Detail - Current Year**

	Carry Forward	FY 2017
<b>Revenue Sources</b>		
General Obligation Bonds	155,038	79,500
<b>Total Revenues</b>	<b>155,038</b>	<b>79,500</b>
<b>Expenditure Types</b>		
Other Cost	155,038	79,500
<b>Total Expenditures</b>	<b>155,038</b>	<b>79,500</b>

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	155,038	79,500	106,000	82,500	84,000	110,500	617,538
<b>Total Revenues</b>	<b>155,038</b>	<b>79,500</b>	<b>106,000</b>	<b>82,500</b>	<b>84,000</b>	<b>110,500</b>	<b>617,538</b>
<b>Expenditure Types</b>							
Other Cost	155,038	79,500	106,000	82,500	84,000	110,500	617,538
<b>Total Expenditures</b>	<b>155,038</b>	<b>79,500</b>	<b>106,000</b>	<b>82,500</b>	<b>84,000</b>	<b>110,500</b>	<b>617,538</b>

**Project Name** Fire Station Repair

**Project Number** FS02001

**Division Priority** 3

**Project Description / Justification:**

This project provides funds for major repairs and renovations of facilities including station driveways, roofs, generators, sidewalks, landscaping, lighting and fencing. Construction covers items beyond the scope of General Services.

**Operating Budget Impact:**

None.

**Project Detail - Current Year**

	Carry Forward	FY 2017
<b>Revenue Sources</b>		
General Obligation Bonds	61,307	1,916,135
<b>Total Revenues</b>	<b>61,307</b>	<b>1,916,135</b>
<b>Expenditure Types</b>		
Contract Construction	61,307	1,766,135
Furniture, Fixtures & Equipment	0	100,000
Information Technology	0	50,000
<b>Total Expenditures</b>	<b>61,307</b>	<b>1,916,135</b>

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	61,307	1,916,135	6,254,000	4,852,300	4,987,560	4,939,440	23,010,742
<b>Total Revenues</b>	<b>61,307</b>	<b>1,916,135</b>	<b>6,254,000</b>	<b>4,852,300</b>	<b>4,987,560</b>	<b>4,939,440</b>	<b>23,010,742</b>
<b>Expenditure Types</b>							
Engineering - Architecture	0	0	459,180	475,800	472,560	451,440	1,858,980
Contract Construction	61,307	1,766,135	5,244,820	3,826,500	3,965,000	3,938,000	18,801,762
Furniture, Fixtures & Equipment	0	100,000	350,000	350,000	350,000	350,000	1,500,000
Information Technology	0	50,000	200,000	200,000	200,000	200,000	850,000
<b>Total Expenditures</b>	<b>61,307</b>	<b>1,916,135</b>	<b>6,254,000</b>	<b>4,852,300</b>	<b>4,987,560</b>	<b>4,939,440</b>	<b>23,010,742</b>

**Project Name** Fire Station #63

**Project Number** FS02018

**Division Priority** 4

**Project Description / Justification:**

This project provides funds for construction of a Fire Station for the Hwy 64 corridor. This project is needed to maintain adequate response in the event of a Fire or EMS need in the area. FY18 funds are for construction and FY19 funds are for FFE and IT.

**Operating Budget Impact:**

Additional costs will include \$1,460,000 for personnel, \$1,200,000 for Fire and EMS equipment, \$19,600 for utilities, and \$6,000 for fuel.

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	0	5,515,882	2,785,640	0	0	8,301,522
<b>Total Revenues</b>	<b>0</b>	<b>0</b>	<b>5,515,882</b>	<b>2,785,640</b>	<b>0</b>	<b>0</b>	<b>8,301,522</b>
<b>Expenditure Types</b>							
Contract Construction	0	0	5,515,882	0	0	0	5,515,882
Furniture, Fixtures & Equipment	0	0	0	2,442,440	0	0	2,442,440
Information Technology	0	0	0	343,200	0	0	343,200
<b>Total Expenditures</b>	<b>0</b>	<b>0</b>	<b>5,515,882</b>	<b>2,785,640</b>	<b>0</b>	<b>0</b>	<b>8,301,522</b>

**Project Name** Replace Fire Station #43

**Project Number** FS02011

**Division Priority** 5

**Project Description / Justification:**

Fire Station 43 was built in 1973. It was not built or designed by the City of Memphis. This is a station that was designed and built by the Whitehaven Fire Department. The building cannot be economically upgraded to accommodate ADA or Gender Separation.

**Operating Budget Impact:**

None

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	214,000	0	0	5,736,518	1,961,440	0	7,911,958
<b>Total Revenues</b>	<b>214,000</b>	<b>0</b>	<b>0</b>	<b>5,736,518</b>	<b>1,961,440</b>	<b>0</b>	<b>7,911,958</b>
<b>Expenditure Types</b>							
Land Acquisition	214,000	0	0	0	0	0	214,000
Contract Construction	0	0	0	5,736,518	0	0	5,736,518
Furniture, Fixtures & Equipment	0	0	0	0	1,602,640	0	1,602,640
Information Technology	0	0	0	0	358,800	0	358,800
<b>Total Expenditures</b>	<b>214,000</b>	<b>0</b>	<b>0</b>	<b>5,736,518</b>	<b>1,961,440</b>	<b>0</b>	<b>7,911,958</b>



**Project Name** Southwind Fire Station

**Project Number** FS02020

**Division Priority** 6

**Project Description / Justification:**

FY18 funds provide for the design. FY19 funds provide for the construction of the station. FY20 funds are for FFE and IT.

**Operating Budget Impact:**

Additional costs will include \$1,460,000 for personnel, \$800,000 for fire and EMS equipment, \$19,600 for utilities and \$6,000 for fuel.

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	0	688,417	5,736,518	3,102,736	0	9,527,671
<b>Total Revenues</b>	<b>0</b>	<b>0</b>	<b>688,417</b>	<b>5,736,518</b>	<b>3,102,736</b>	<b>0</b>	<b>9,527,671</b>
<b>Expenditure Types</b>							
Engineering - Architecture	0	0	688,417	0	0	0	688,417
Contract Construction	0	0	0	5,736,518	0	0	5,736,518
Furniture, Fixtures & Equipment	0	0	0	0	2,740,816	0	2,740,816
Information Technology	0	0	0	0	361,920	0	361,920
<b>Total Expenditures</b>	<b>0</b>	<b>0</b>	<b>688,417</b>	<b>5,736,518</b>	<b>3,102,736</b>	<b>0</b>	<b>9,527,671</b>

**Project Name** Relocate Fire Station #11

**Project Number** FS02008

**Division Priority** 7

**Project Description / Justification:**

This project provides funds for the renovation of Fire Station #11 built in 1941 presently located at 1826 Union on 0.29 acres.

**Operating Budget Impact:**

None

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	0	0	0	1,560,000	780,000	2,340,000
<b>Total Revenues</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,560,000</b>	<b>780,000</b>	<b>2,340,000</b>
<b>Expenditure Types</b>							
Contract Construction	0	0	0	0	1,560,000	780,000	2,340,000
<b>Total Expenditures</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,560,000</b>	<b>780,000</b>	<b>2,340,000</b>

**Project Name** Replace Fire Station #24

**Project Number** FS02013

**Division Priority** 8

**Project Description / Justification:**

This project provides funds to replace the existing Fire Station #24 currently located at 4472 Powell Ave. The project funds will provide for land and a new, larger station to accommodate the increasing demands for services in the area.

**Operating Budget Impact:**

A cost savings on maintenance should be realized beginning FY 2023. Additional costs for utilities are \$11,600 per year.

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	0	0	0	1,600,000	811,200	2,411,200
<b>Total Revenues</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,600,000</b>	<b>811,200</b>	<b>2,411,200</b>
<b>Expenditure Types</b>							
Engineering - Architecture	0	0	0	0	0	811,200	811,200
Land Acquisition	0	0	0	0	1,600,000	0	1,600,000
<b>Total Expenditures</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,600,000</b>	<b>811,200</b>	<b>2,411,200</b>

**Project Name** Fire Station #18

**Project Number** FS02026

**Division Priority** 9

**Project Description / Justification:**

This project provides funds to replace the existing Fire Station #18 located at 3426 Southern Avenue. The existing station was built in 1930 and is too small to support the area of service. This is the primary station for emergency response to the University of Memphis main campus. Land acquisition is scheduled for FY20.

**Operating Budget Impact:**

A cost savings on maintenance should be realized beginning in FY23. The estimated increase for utilities will be \$13,000 annually.

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	0	0	0	1,500,000	740,275	2,240,275
<b>Total Revenues</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,500,000</b>	<b>740,275</b>	<b>2,240,275</b>
<b>Expenditure Types</b>							
Engineering - Architecture	0	0	0	0	0	740,275	740,275
Land Acquisition	0	0	0	0	1,500,000	0	1,500,000
<b>Total Expenditures</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,500,000</b>	<b>740,275</b>	<b>2,240,275</b>

**Project Name** FIRE PREVENTION FACILITY

**Project Number** FS02022

**Division Priority** 10

**Project Description / Justification:**

This project provides funds for the replacement of the current Fire Prevention facility which is located at 2668 Avery Ave.

**Operating Budget Impact:**

None

**Project Detail - 5 Year Summary**

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	0	0	400,000	1,008,000	8,400,000	9,808,000
<b>Total Revenues</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>400,000</b>	<b>1,008,000</b>	<b>8,400,000</b>	<b>9,808,000</b>
<b>Expenditure Types</b>							
Engineering - Architecture	0	0	0	0	1,008,000	0	1,008,000
Land Development	0	0	0	400,000	0	0	400,000
Contract Construction	0	0	0	0	0	8,400,000	8,400,000
<b>Total Expenditures</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>400,000</b>	<b>1,008,000</b>	<b>8,400,000</b>	<b>9,808,000</b>

